

Specification:

Please add the following as the first paragraph of the specification:

This application is the National Stage of International Application No. PCT/AU2003/001483, filed November 7, 2003.

Listing of Claims:

1. (previously presented) A process for identifying a compound which selectively induces the mitochondrial permeability transition (MPT) in proliferating cells, wherein said process comprises contacting a cell or cell extract with a compound, determining whether the compound binds to adenine nucleotide translocator (ANT), and determining whether the compound selectively induces the MPT in proliferating cells.
2. (previously presented) A process for screening a plurality of compounds to identify a compound which selectively induces MPT in proliferating cells, wherein said process comprises contacting a cell or a cell extract with the plurality of compounds, determining whether any of the compounds bind to ANT, and if so, separately determining for each of the plurality of compounds whether the compound selectively induces the MPT in proliferating cells.
3. (currently amended) The process of claim 1-~~or~~2, wherein selectivity for proliferating cells is determined by comparing the effect of compounds identified as binding to ANT on the MPT in proliferating cells with the effect on the MPT in non-proliferating or growth quiescent cells.
4. (currently amended) The process of claim 1-~~or~~2, wherein said determination of induction of the MPT involves measuring changes in Cytochrome C release.
5. (currently amended) The process of claim 1-~~or~~2, wherein said determination of induction of the MPT involves measuring changes in cellular superoxide concentration.